

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of	)	
Stina ROTH et al.	)	Group Art Unit:
Application No.: Unassigned	)	Examiner:
Filed: May 19, 2005	)	Confirmation No.:
For: NUCLEIC ACID PROBES AND	)	
BROAD-RANGE PRIMERS FROM	)	
REGIONS IN TOPOISOMERASE	)	
GENES, AND METHODS IN WHICH	)	
THEY ARE USED	)	

FIRST INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, the accompanying information is being submitted in accordance with 37 C.F.R. §§ 1.97 and 1.98.


The listed documents were cited in the International Search and International Preliminary Report in the corresponding PCT application. Also submitted are a copy of the Finnish Search Report and the Finnish Office Action.

To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

Date May 19, 2005

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Substitute for form 1449A/PTO &amp; 1449B/PTO

Complete if Known

**FIRST  
INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Application Number	signed 00/535442
Filing Date	May 19, 2005
First Named Inventor	Stina ROTH et al.
Examiner Name	
Attorney Docket Number	014975-119

Sheet 1 of 1

## U.S. PATENT DOCUMENTS

Examiner Initials	Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)
	5,645,994		Wai Mun Huang	07-08-1997
	6,087,104		Shoichi Yamada et al.	07-11-2000

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	STATUS					
					Office Action	Finnish Search Report	Finnish Search Report	International Search Report	IPEA	Abstract With Spec Cited in
	*01//36683	A2	WO	02-25-2001				X	X	
	*0 935 003	A2	Europe	08-11-1999	X	X		X	X	
	*2 364 054	A	Great Britain	01-16-2002				X	X	
	*00/61796		WO	10-19-2000	X	X		X	X	X
	*0 965 636	A1	Europe	12-22-1999				X	X	
	*1 098 003	A2	Europe	05-09-2001	X	X		X	X	
	*2001-245677		Japan (computer generated English translation only)	09-11-2001				X	X	X
	*2000-060570		Japan (computer generated English translation only)	02-29-2000				X	X	X
	*99/50458		WO	10-07-1999				X	X	
	*00/52203		WO	09-08-2000				X	X	
	*01/70955	A2	WO (cover page only)	09-27-2001	X	X				
	*02/077183	A2	WO (cover page only)	10-03-2002	X	X				

## NON-PATENT LITERATURE DOCUMENTS

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	*SATOSHI YAMAMOTO et al., "PCR AMPLIFICATION AND DIRECT SEQUENCING OF GYRB GENES WITH UNIVERSAL PRIMERS AND THEIR APPLICATION TO THE DETECTION AND TAXONOMIC ANALYSIS OF <i>PSEUDOMONAS PUTIDA</i> STRAINS", Applied and Environmental Microbiology, March 1995, pages 1104-1109, Vol. 61, No. 3, American Society for Microbiology (with Abstract, AN 1995:409852 CAPLUS, DN 123:5390) (cited in the International Search Report; IPEA: Finnish Search Report; and Finnish Office Action)
	MASAO FUKUSHIMA et al., "PHYLOGENETIC ANALYSIS OF <i>SALMONELLA</i> , <i>SHIGELLA</i> , AND <i>ESCHERICHIA COLI</i> STRAINS ON THE BASIS OF THE GYRB GENE SEQUENCE", Journal of Clinical Microbiology, August 2002, pages 2779-2785, Vol. 40, No. 8, American Society for Microbiology (with Abstract, AN-NLM12149329) (cited in the International Search Report; IPEA: Finnish Search Report; and Finnish Office Action)
	*WAI MUN HUANG, "BACTERIAL DIVERSITY BASED ON TYPE II DNA TOPOISOMERASE GENES", Annual Review of Genetics, 1996, pages 79-107, Annual Review Inc. (with Abstract, AN 1997:1154 CAPLUS, DN 126:44660) (cited in the International Search Report; IPEA: Finnish Search Report; and Finnish Office Action)
	*MASAO FUKUSHIMA et al., "DETECTION AND IDENTIFICATION OF MYCOBACTERIUM SPECIES ISOLATES BY DNA MICROARRAY", June 2003, pages 2605-2615, Vol. 41, No. 6, American Society for Microbiology (cited in the International Search Report; IPEA: Finnish Search Report; and Finnish Office Action)
	*SHOTARO IZUMI et al., "SEQUENCING OF GYRB AND THEIR APPLICATION IN THE IDENTIFICATION OF FLAVOBACTERIUM PSYCHROPHILUM BY PCR", (AN: 2000:288489 CAPLUS, DN:134:290935, Gyobyo Kenkkyu, 2000, 1 page, Nippon Gyobyo Gakkai (cited in the International Search Report; IPEA: Finnish Search Report; and Finnish Office Action)

\*Copy attached.

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.  
Form Letters I